

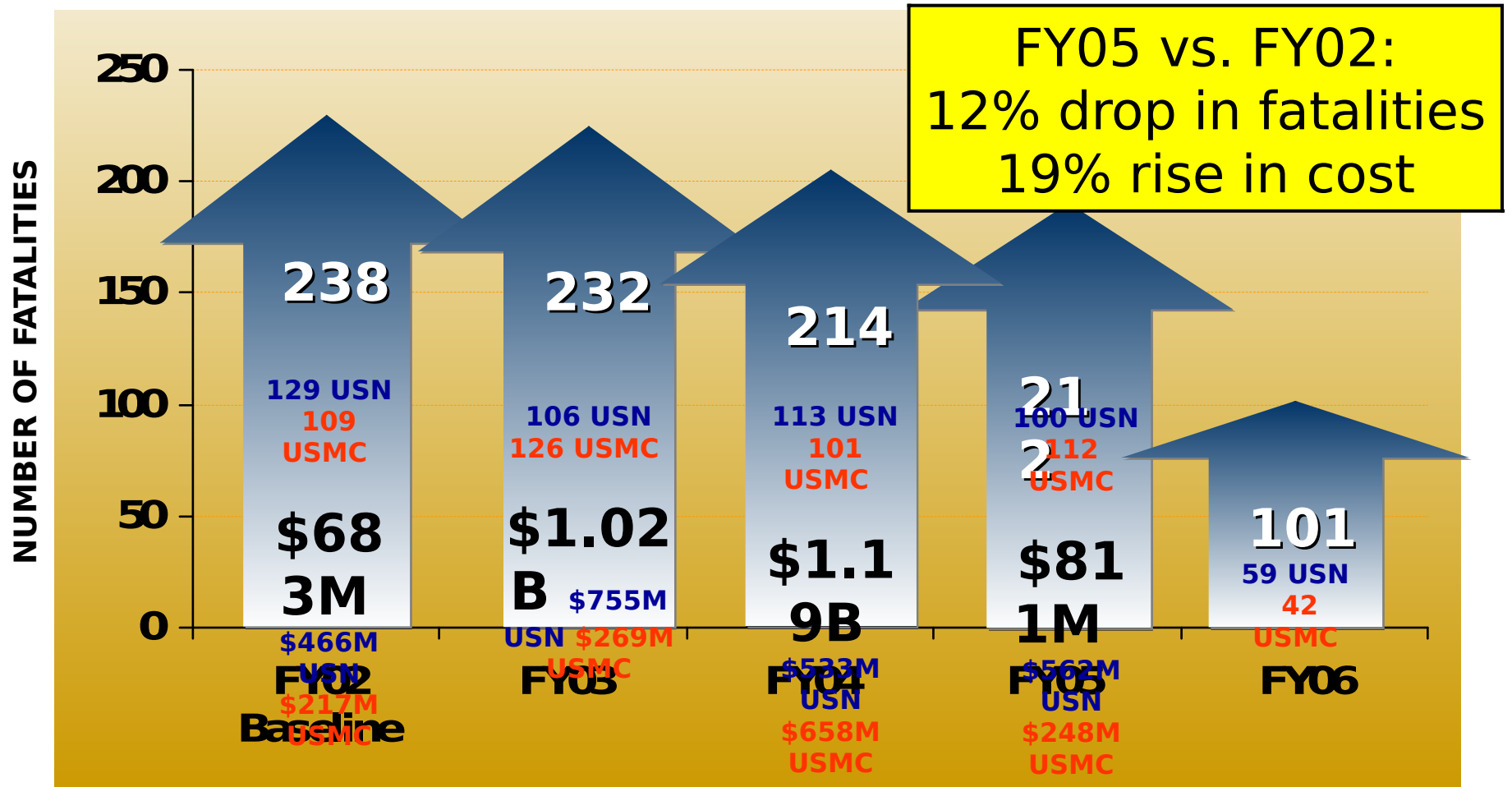


Joint Service Safety Conference 2006

RADM George Mayer
Commander, Naval Safety Center



Where We Are Today



OUR ENDSTATE GOAL IS

ZERO!

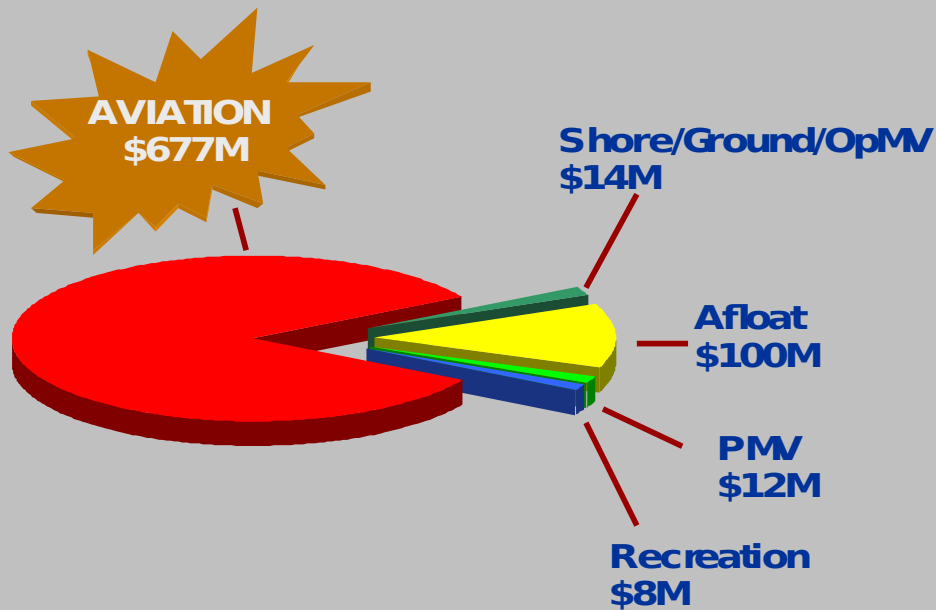
As of 10 Feb 20



FY05 Total Cost and Deaths

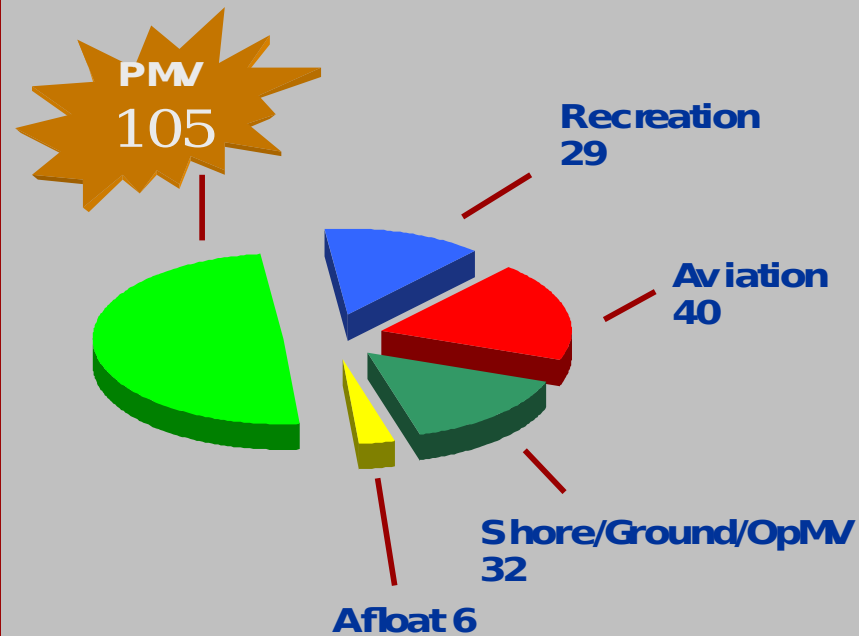
Navy and Marine Corps

Cost



Total Cost: \$811M

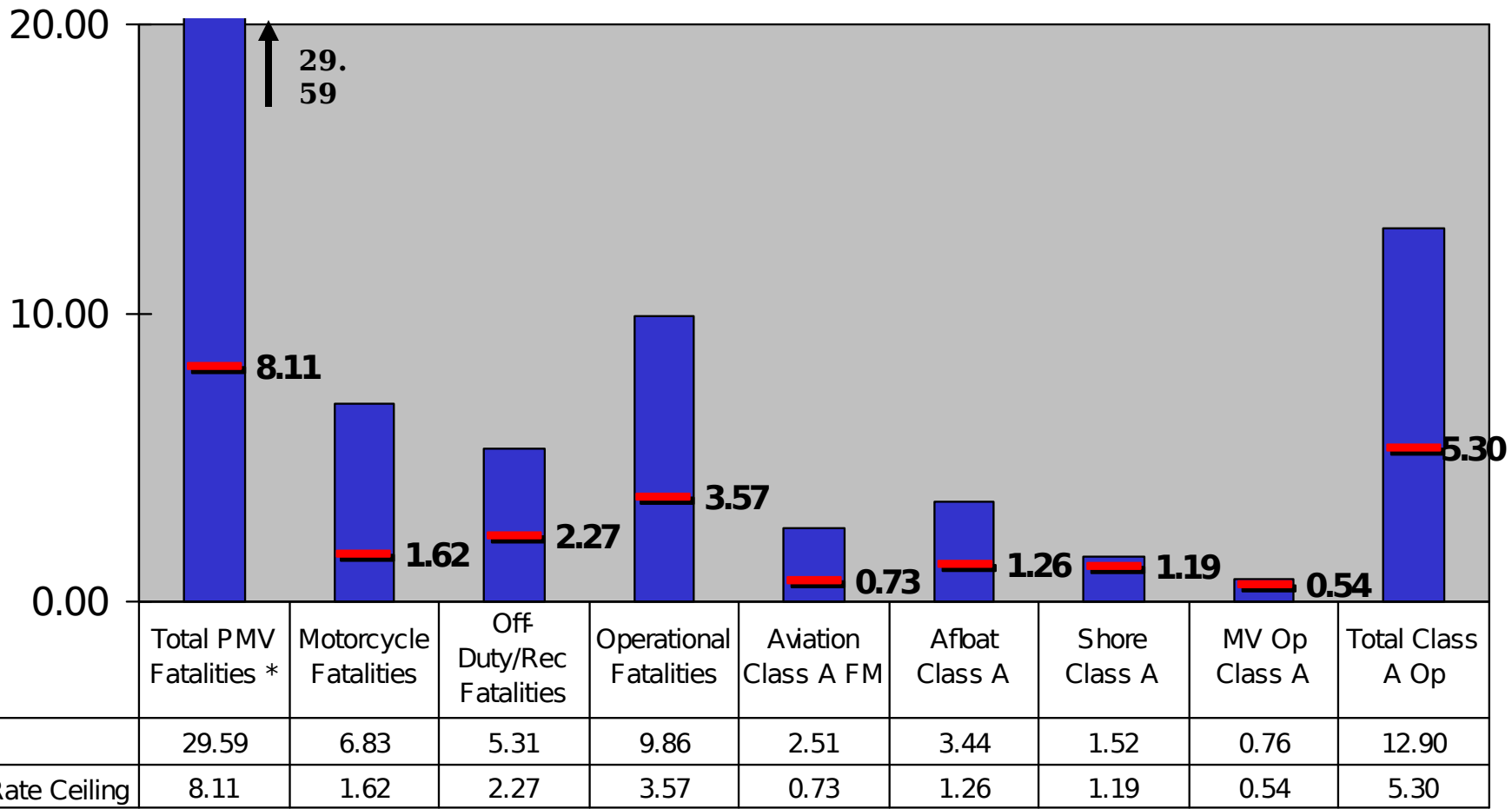
Fatalities



Total Fatalities: 212



USN FY06 SEC DEF CHALLENGE STATUS (RATES)

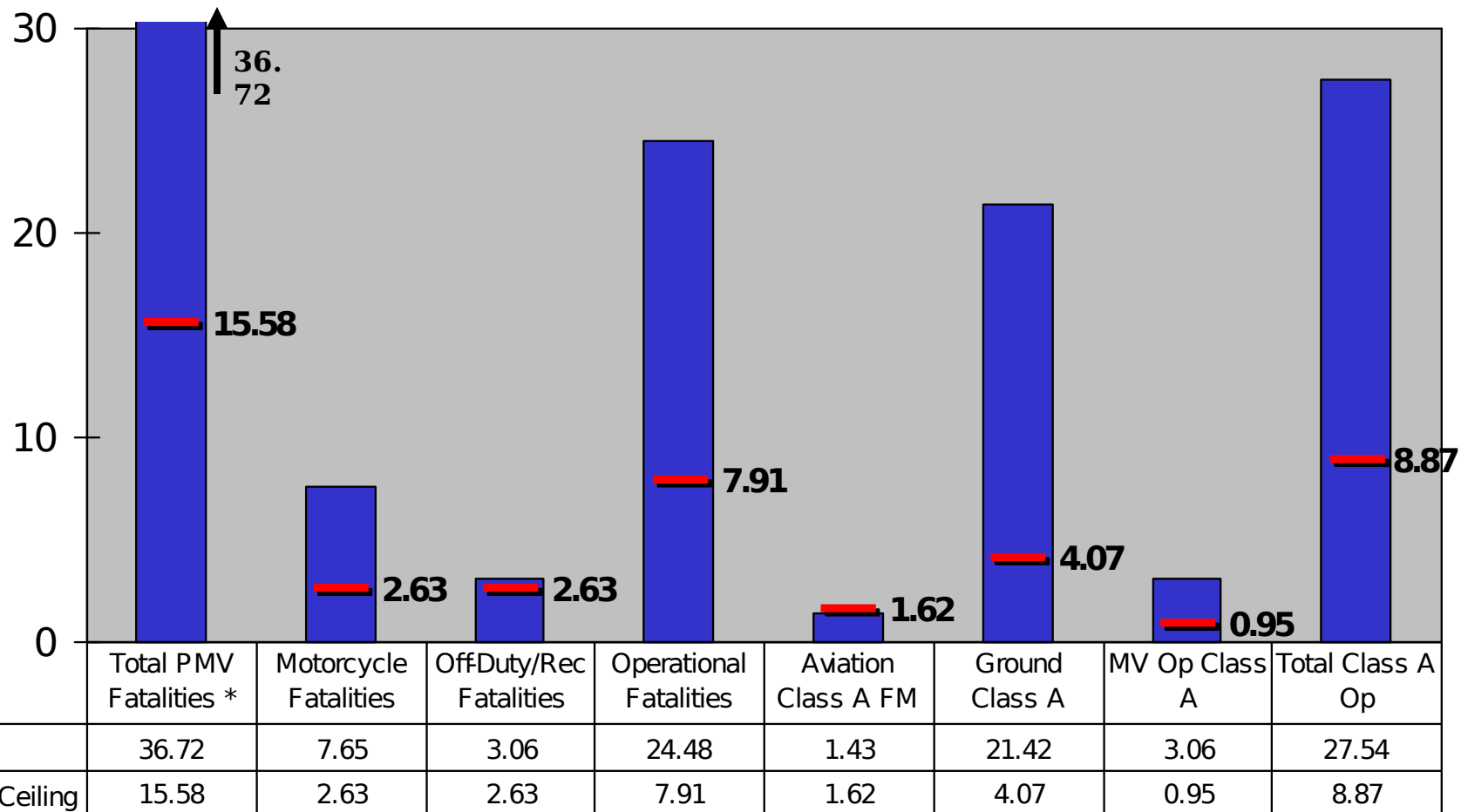


* Includes
motorcycle

As of 10 Feb 20

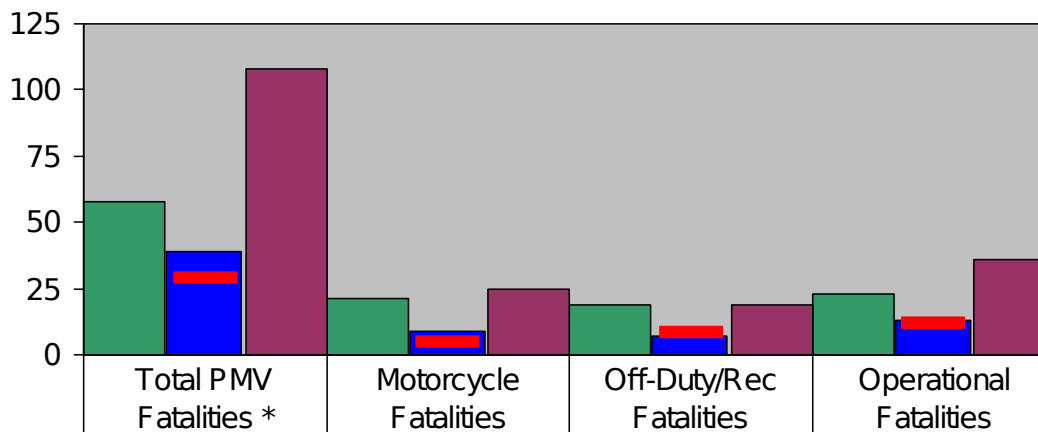


USMC FY06 SEC DEF CHALLENGE STATUS (RATES)



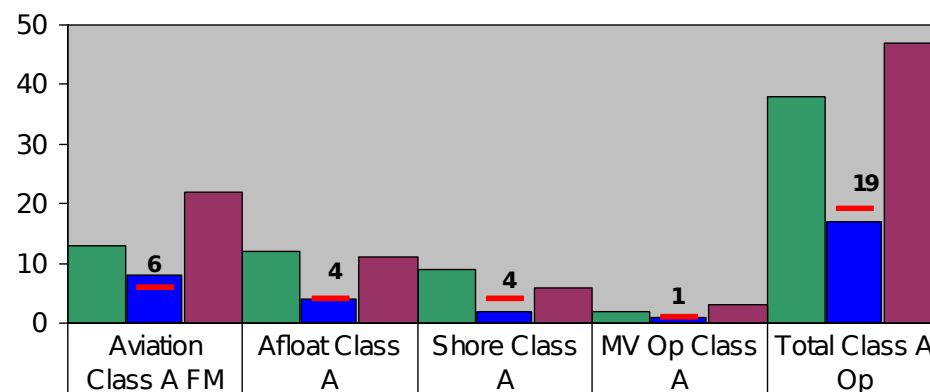
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As of 10 Feb 20



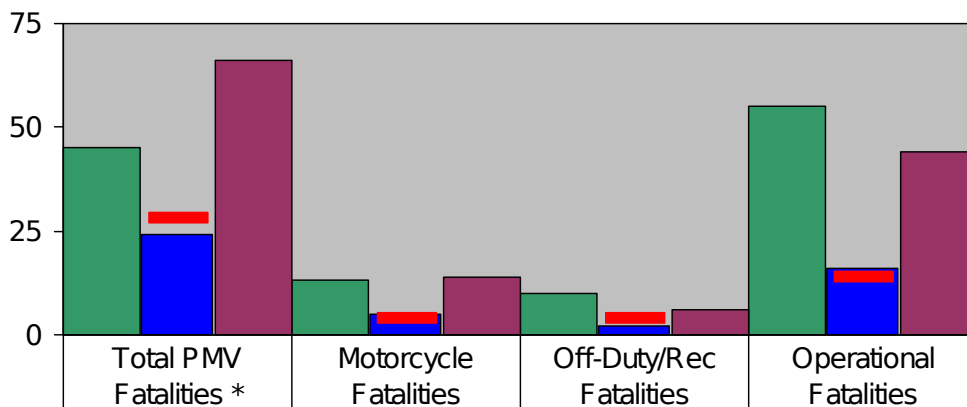
USN FY06 SECDEF CHALLENGE (MISHAPS/FATALITIES)

* Includes motorcycle



FY05	13	12	9	2	38
FY06 Projection	22	11	6	3	47
FY06	8	4	2	1	17
FY06 Ceiling	6	4	4	1	19

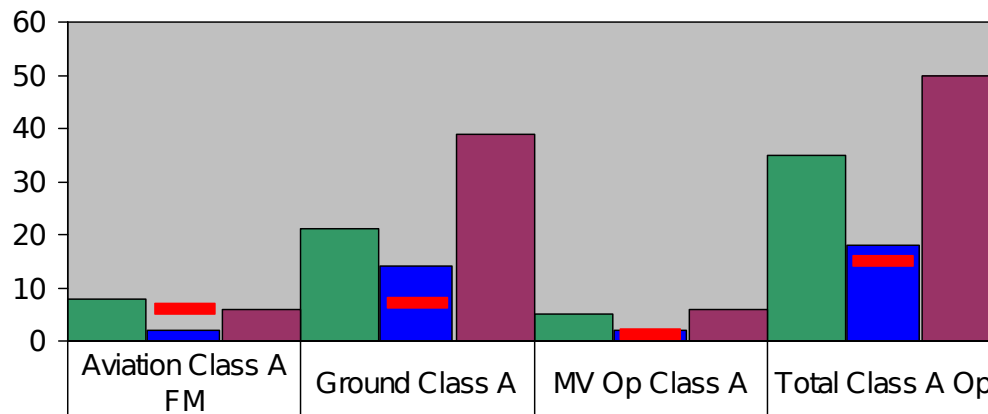
As of 10 Feb 20



USMC FY06 SEC DEF CHALLENGE (MISHAPS/FATALITIES)

FY05	45	13	10	55
FY06 Projection	66	14	6	44
FY06	24	5	2	16
FY06 Ceiling	28	4	4	14

* Includes motorcycle

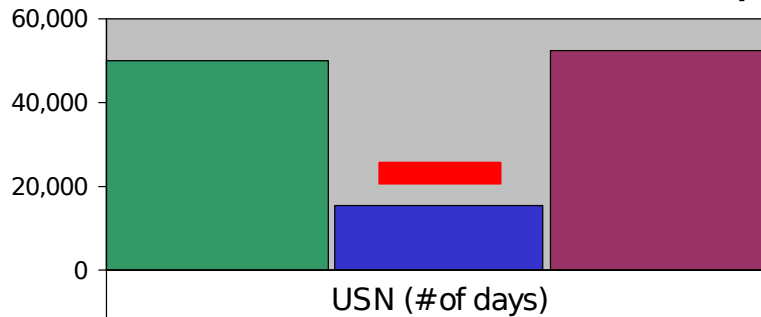


FY05	8	21	5	35
FY06 Projection	6	39	6	50
FY06	2	14	2	18
FY06 Ceiling	6	7	1	15

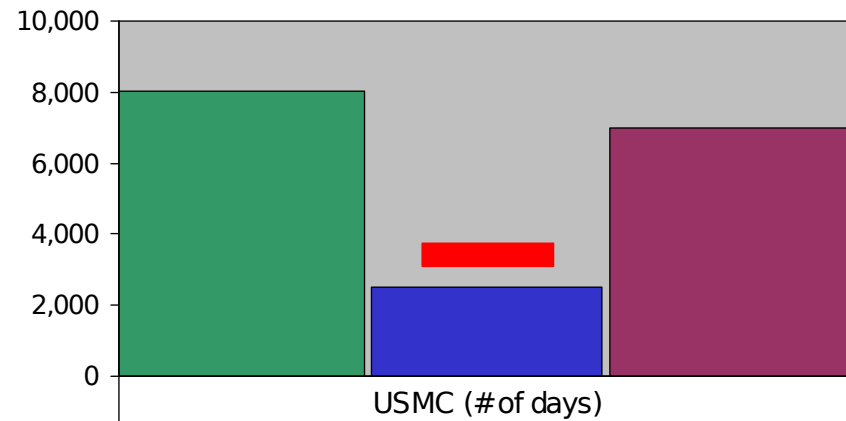
As of 10 Feb 20



FY06 CIVILIAN LOST TIME SEC DEF CHALLENGE STATUS (as of 21 January 2006)



■ USN FY05	50,105
■ USN FY06 Projection	52,411
■ USN FY06	15,374
— USN FY06 Ceiling	22,980



■ USMC FY05	8,030
■ USMC FY06 Projection	6,970
■ USMC FY06	2,521
— USMC FY06 Ceiling	3,408

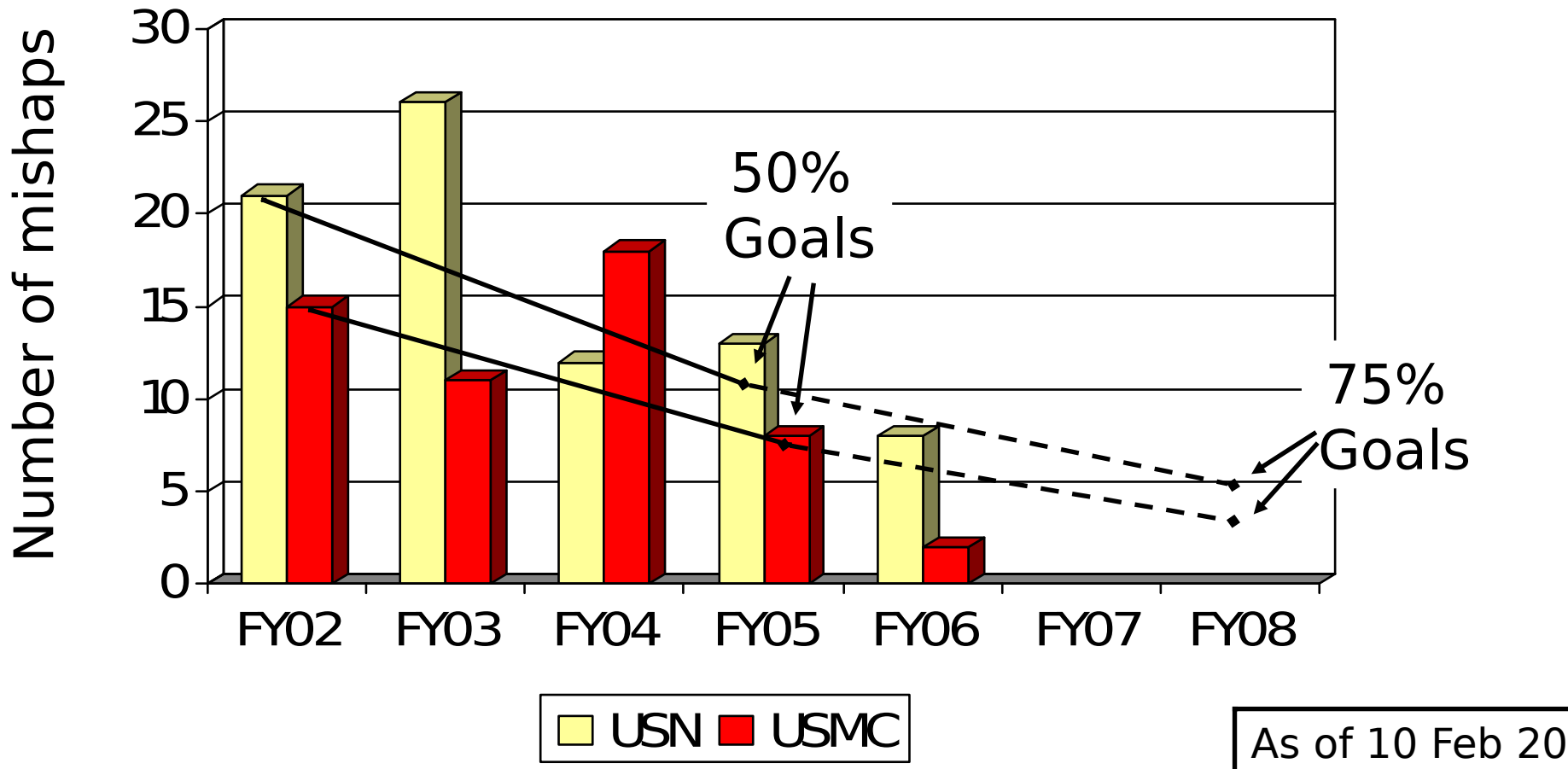
As of 21 Jan 20



Class-A Flight Mishaps

Leading Causal Factors

- **Human Error (89%)**
 - Aircrew (breakdown in Crew Resource Management, poor decision making, failure to properly perform emergency procedures)
 - Supervisory (failure to provide adequate guidance and training)
- **Material/Systems Malfunction (11%)**
 - Material/component catastrophic failure (no human error involved)





Aviation Ongoing Initiatives

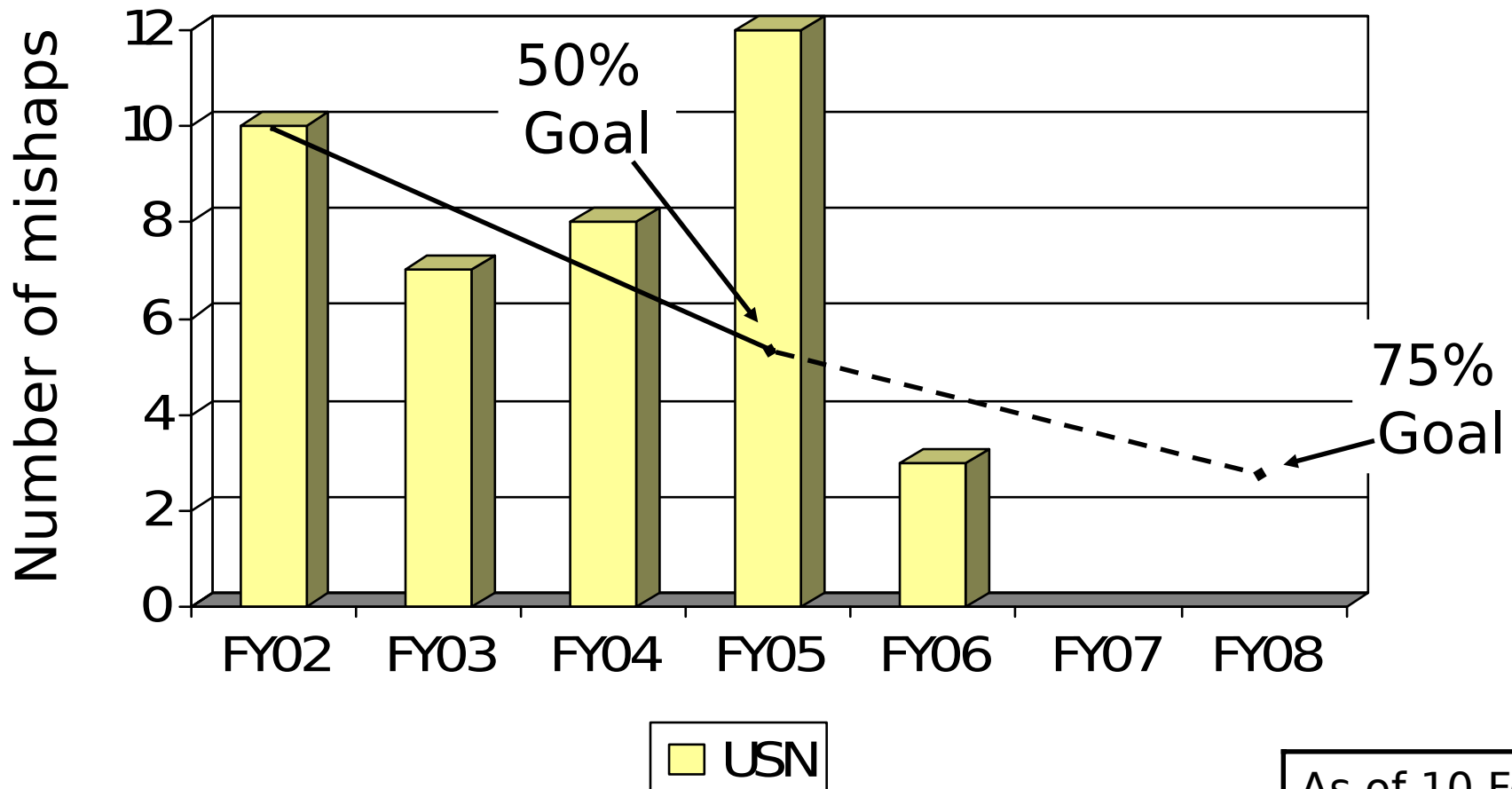
- Expanding Culture Workshops
- Expanding Surveys
 - Online Command Safety Assessment (CSA)
 - Maintenance Climate Assessment Survey (MCAS)
- Human Factors Analysis
 - Focus on Aviation CRM Program Improvement, expansion to all Navy
- Technology
 - Reduced oxygen breathing device (ROBD) – induce hypoxia without the risk of decompression
- ORM Zero-Based Review



Afloat Class-A Mishaps

Leading Causal Factors

- Inadequate Supervision
- PMS not accomplished
- Poor Crew Resource Management
- Lack of Situational Awareness
- Complacency



As of 10 Feb 20



Afloat Ongoing Initiatives

- Safety Surveys
- ASCAS Online (Afloat Safety Climate Assessment Surveys)
- Survey Teams Are Teaching Traffic Safety and ORM
- Mishap-Reduction Efforts and Lessons Learned/Best Practices are being routinely disseminated to the Fleet
- Submarine Force (SUBFOR) 14-Day Mishap P4 Agreement
- Surface Force (SURFOR) Traffic Safety Message and Initiatives



PMV Fatalities

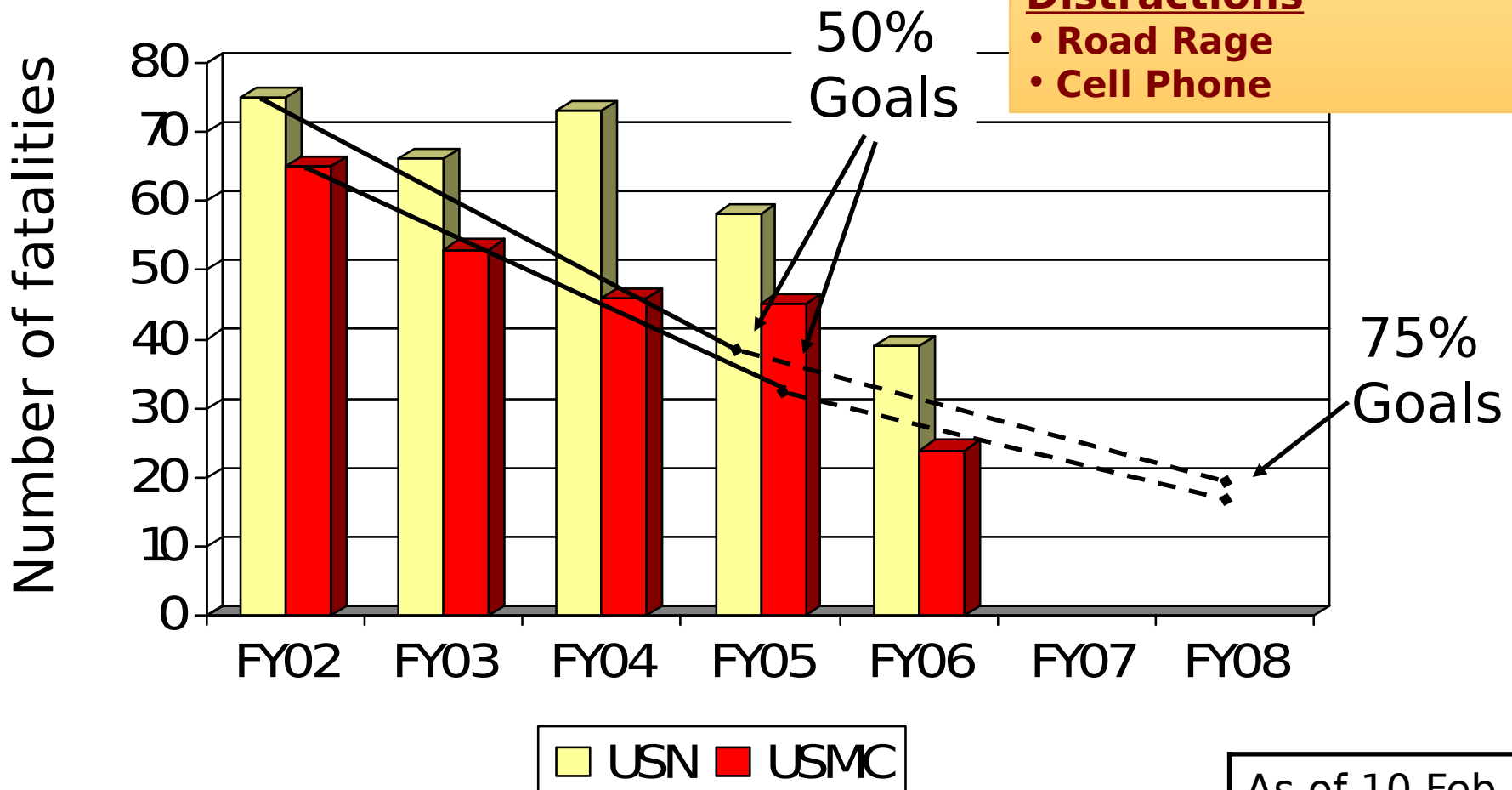
Leading Causal

Factors

- Nighttime Driving
- No Seat Belt Use
- Excessive Speed
- Alcohol
- Fatigue

Distractions

- Road Rage
- Cell Phone





PMV Initiatives

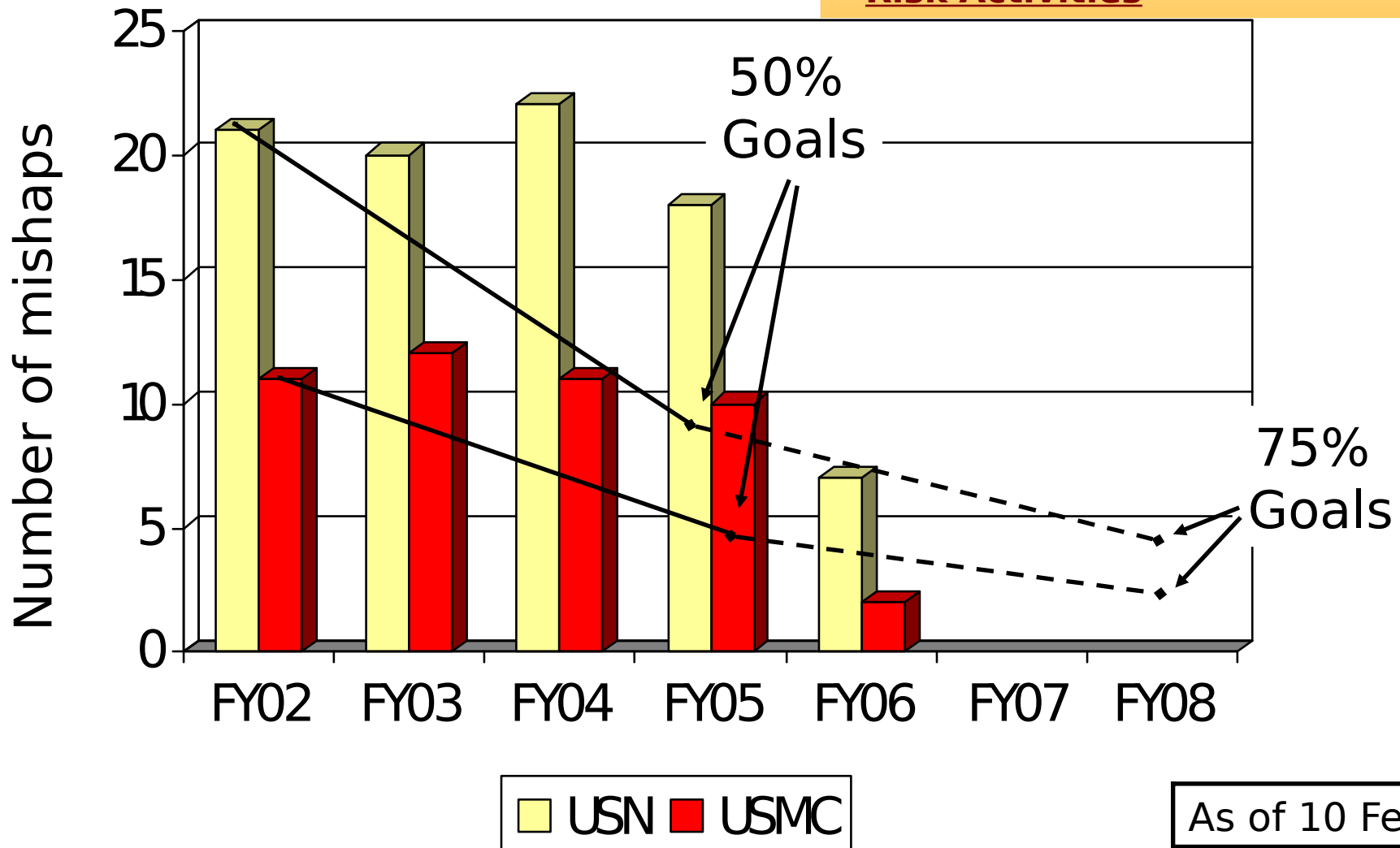
- Defense Safety Oversight Committee (DSOC)
 - PMV Task Force
- Navy-Marine Corps Safety Council
- ALSAFE “Intrusive Leadership” Messages
- Best Business Practices
 - Community and Federal Partnerships
 - Army Safety Management Information System (ASMIS)
- Driver Training Continuum
- Mentorship



Recreation & Off-Duty Fatalities

Leading Causal Factors

- Inadequate training
- Failure to follow regulations
- Lack of experience at activity
- Command knowledge of High Risk Activities





Recreation & Off-Duty Initiatives

- Developing ATV and off road curriculum
 - Sponsored by Specialty Vehicle Institute of America (SVIA)
- Working with British Maritime Technologies (BMT)
 - Provides motorcycle/off-road/ATV training to the fleet
- Re-writing Navy Recreation and Off-Duty Safety Program (RODS) Instruction OPNAVINST 5100.25A
 - Requires all commands to have a RODS Coordinator
 - Provides CO formal guidance
 - Provides more specifics on high risk activities



TOOLS THAT WORK

Command Surveys	Unit surveys, ORM unit training
Site Briefings	Presentations, seminars, workshops, conferences, safety stand downs
Culture Workshops	Command climate assessments
PMV Safety Toolbox	Pre-trip checklist, briefing, counseling
Publications	Safety magazines, newsletters, annual reports, fact sheets
Customer Surveys	Surveys, customer comment cards, hotlines, web feedbacks, frequently asked questions
Marketing/Public Affairs	News conferences, media advisories, meetings with editorial boards, safety campaigns



Required Actions to Address Mishaps

Fleet Leadership

1. **CO's conduct a safety base line.**
 - **Commands complete a safety culture assessment survey (SCAS) of their activities. Review trends/results - define actions to improve safety culture.**
2. **Mentor program.**
 - **Make work after work. (ORM review on Friday afternoon!)**
 - **Liberty limits and command "high risk" mentoring program.**
3. **Inspection = Compliance.**
 - **ISIC inspect safety directives and programs.**

Naval Safety Center:

1. **VCNO First Flag notification following Class A mishap.**
 - **Re-emphasize requirement**
2. **Update of current PMV training programs.**
 - **Develop new PMV training program - Today NO PMV Training at RTC - Simulation**
3. **Institutionalizing ORM.**
 - **Revise ORM program. Commands must get on board!**
 - **CRM also works...need to revitalize**
4. **NTC/RTC - Develop program to screen "High Risk" personnel.**
 - **Moving violations/High risk recreational activities/etc.**
5. **Voluntary Protection Plan (VPP) - promotes effective worksite-based safety and health.**
6. **Acquisition Safety - has the best safety long-term return on investment (ROI)**



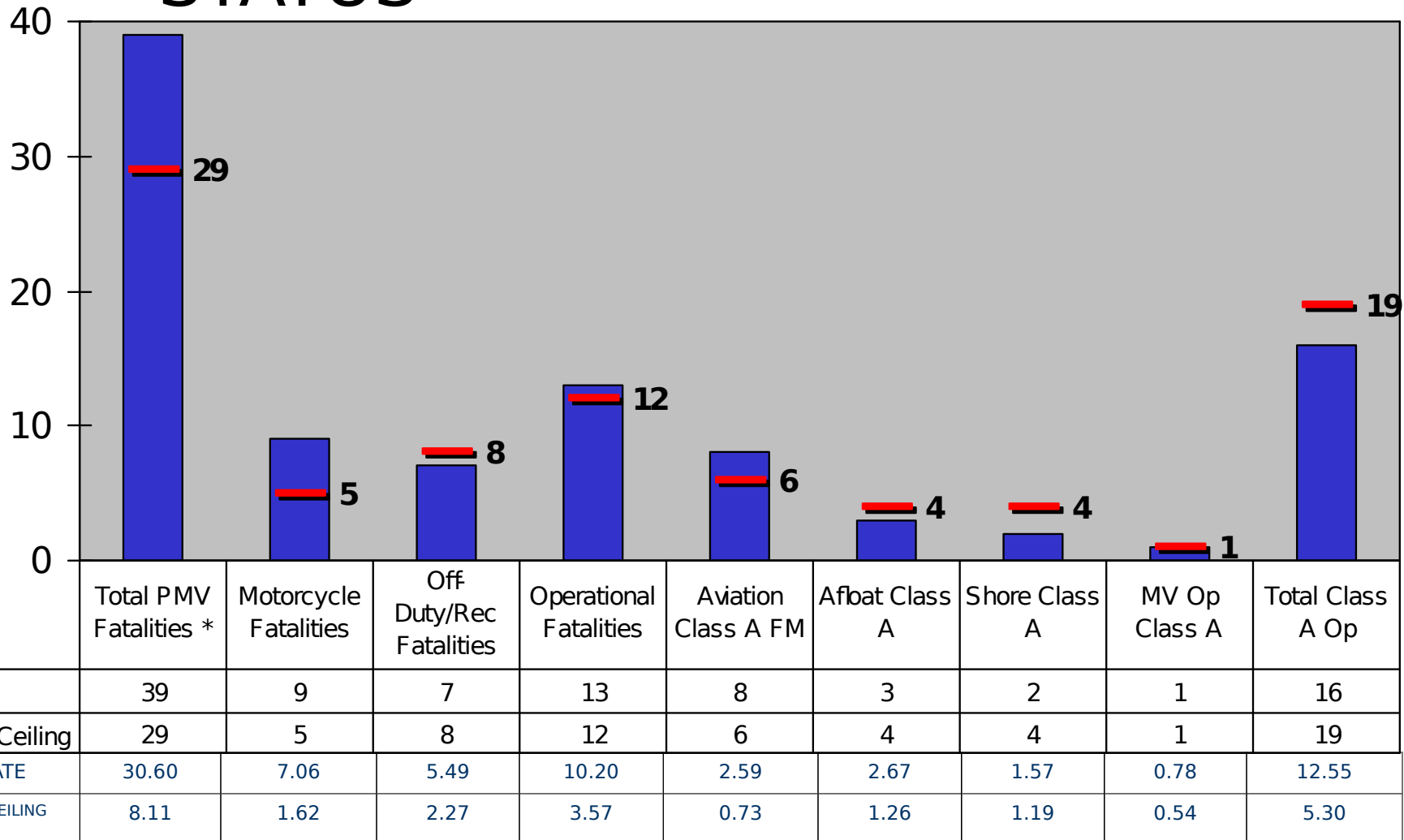
Questions ?



Back-up slides



USN FY06 SEC DEF CHALLENGE STATUS

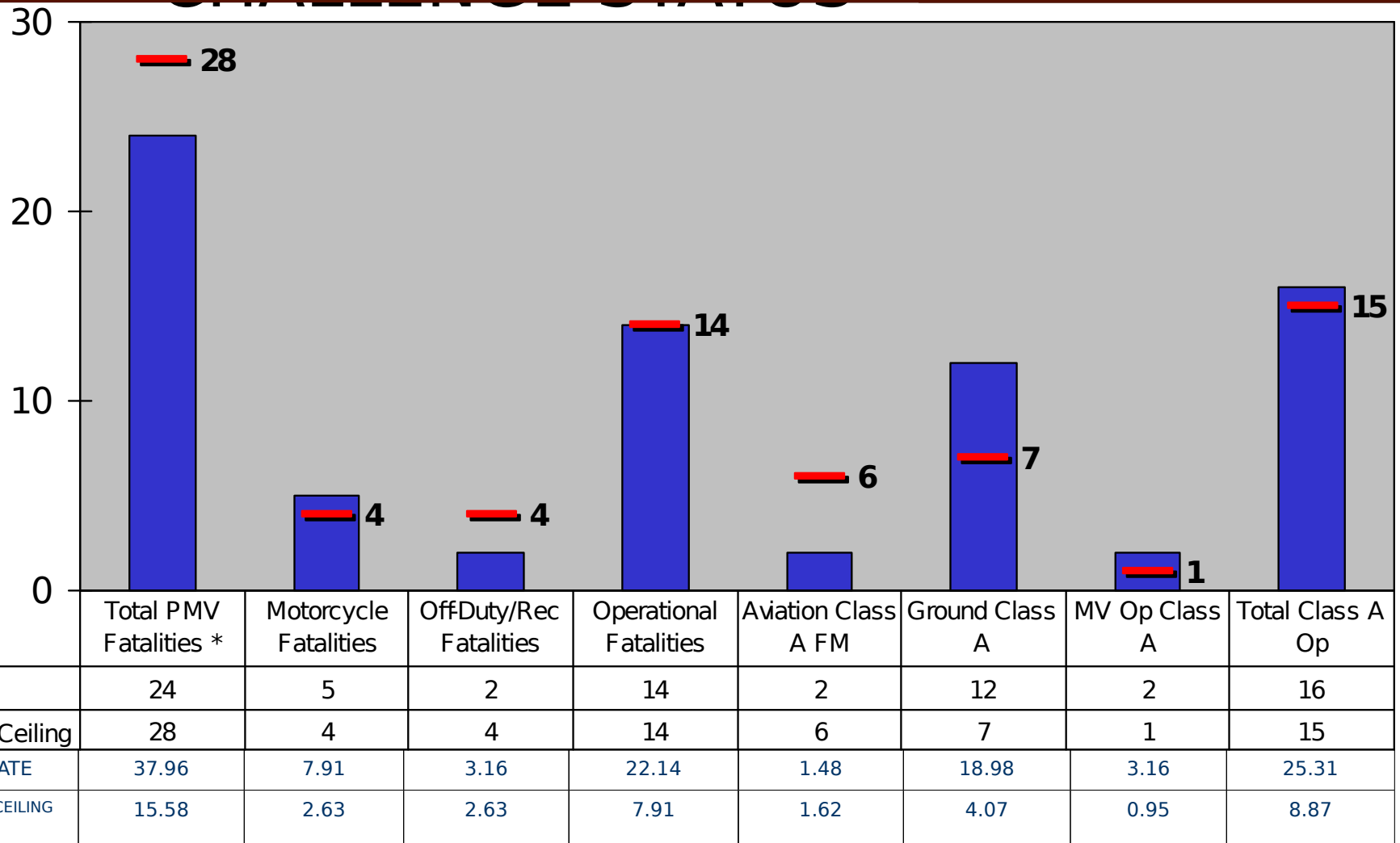


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As of 6 Feb 2006

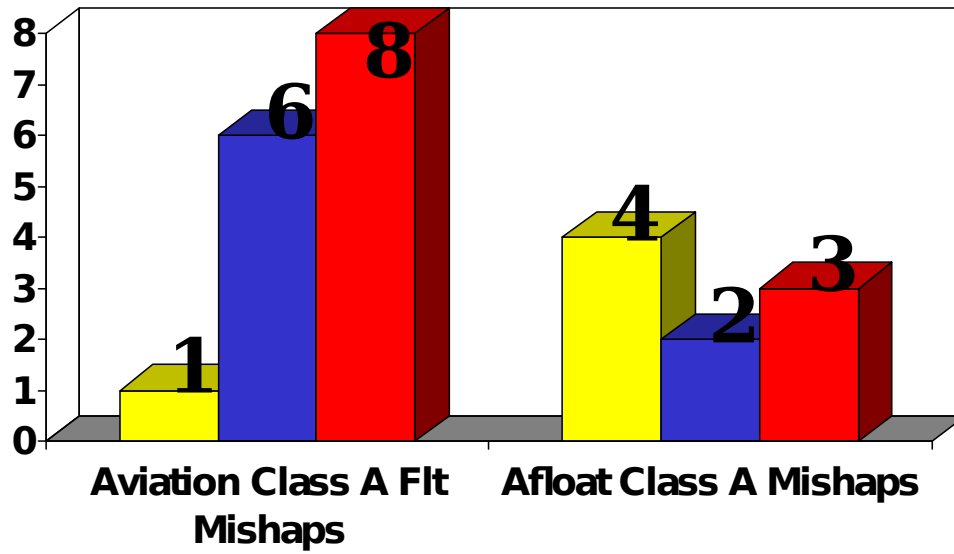


USMC FY06 SEC DEF CHALLENGE STATUS

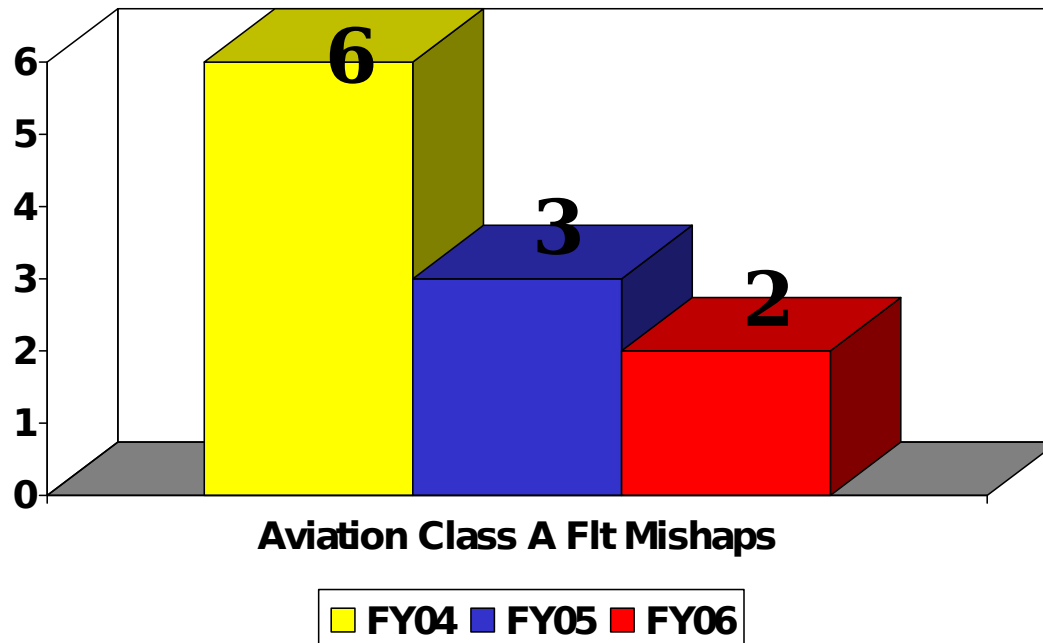


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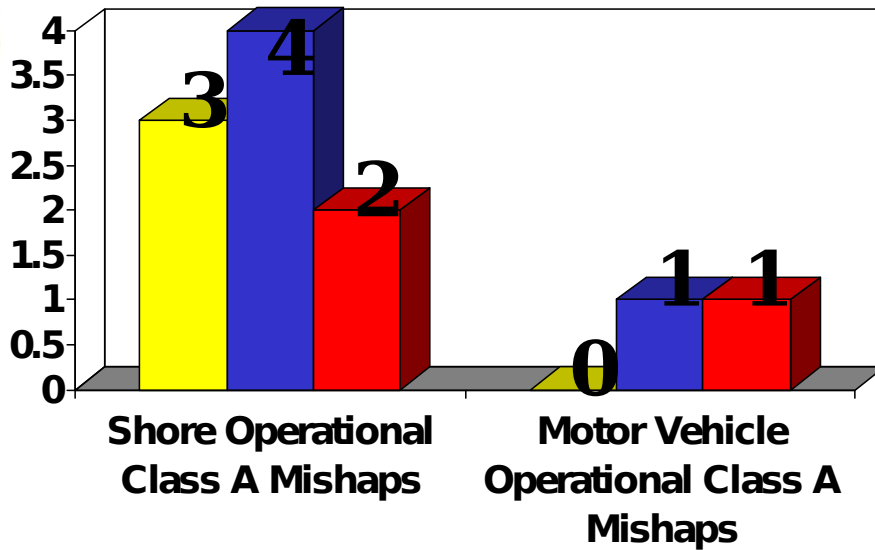
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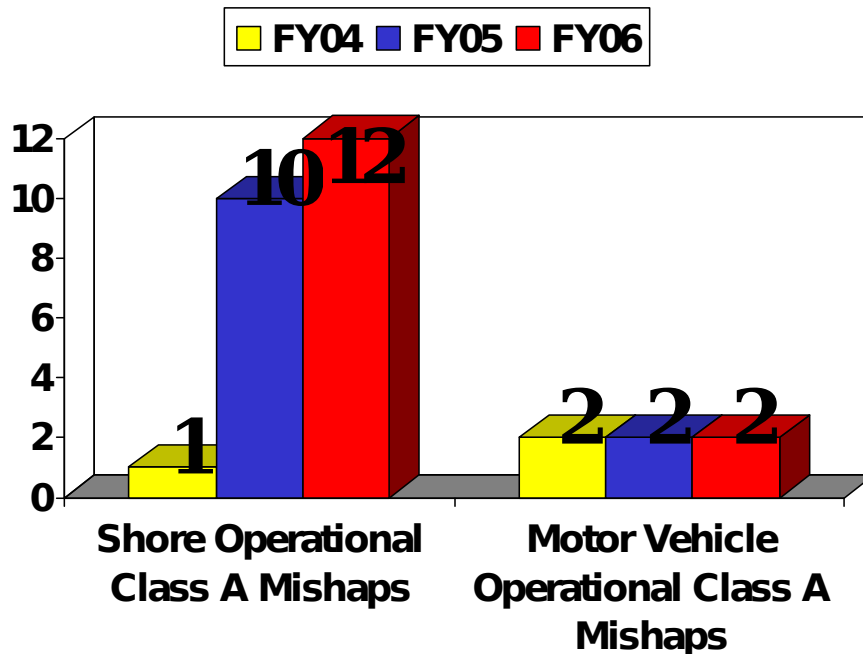
NAVY



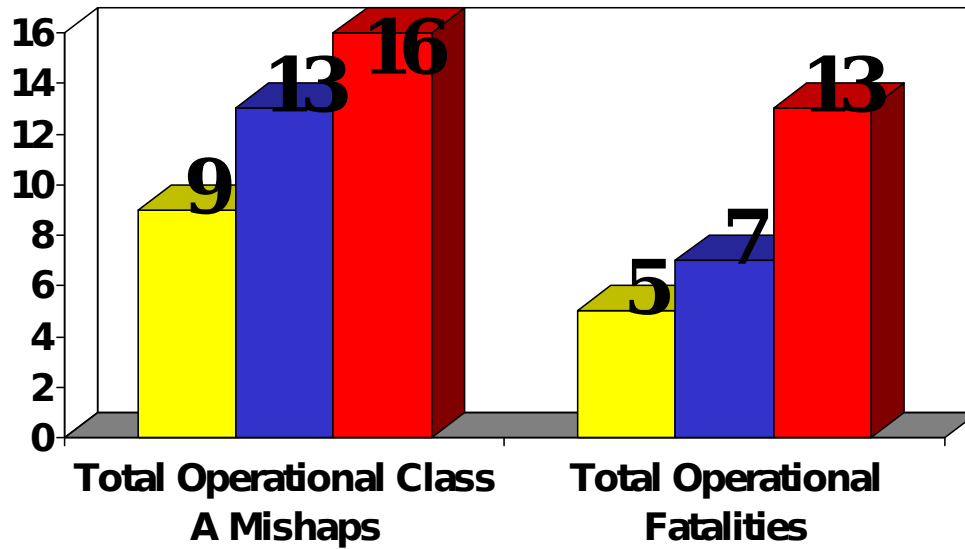
MARINE
CORPS



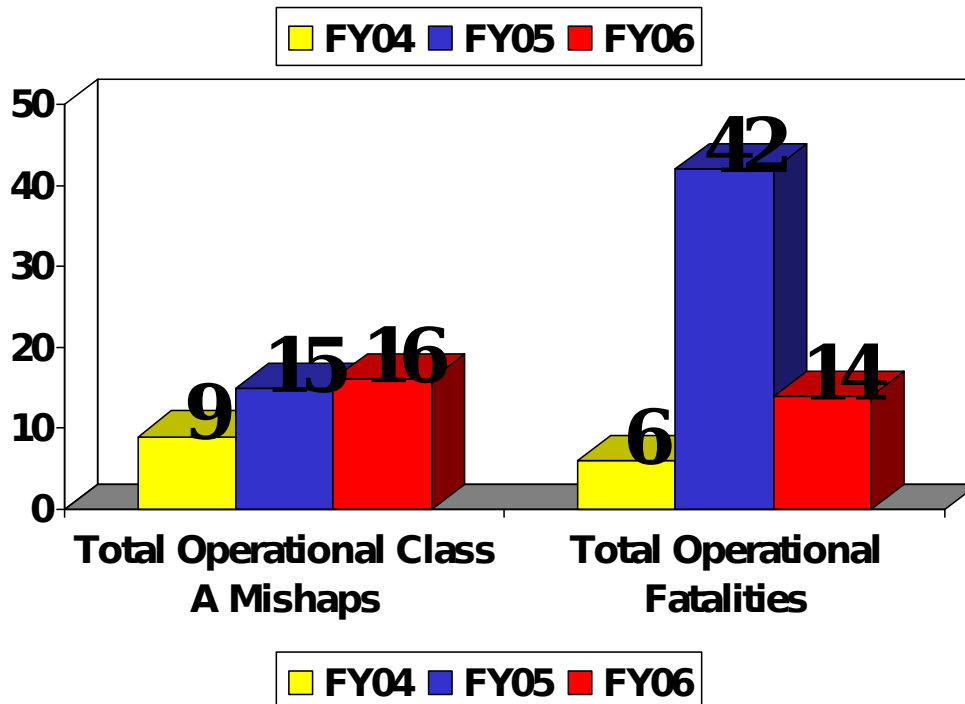
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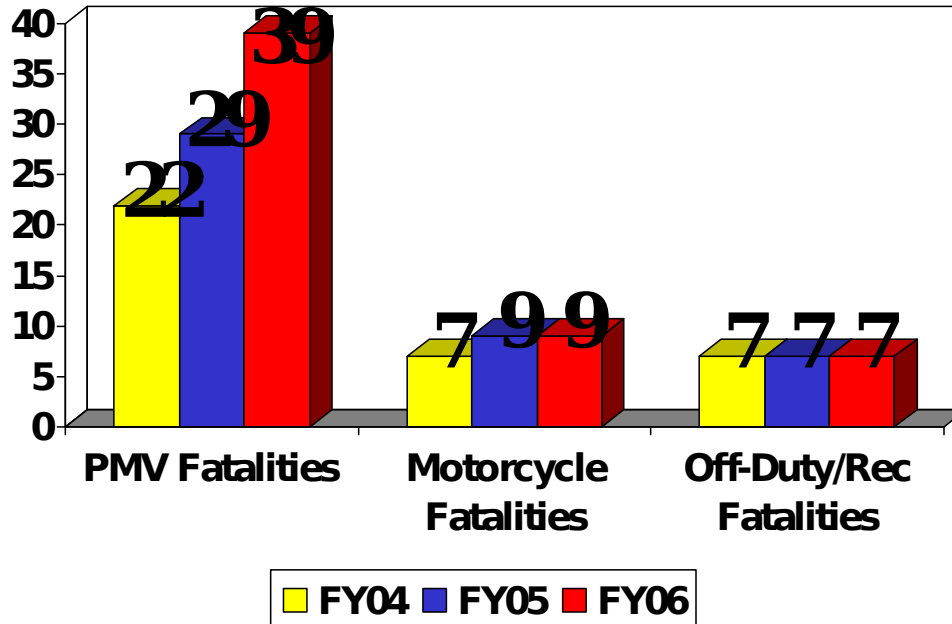
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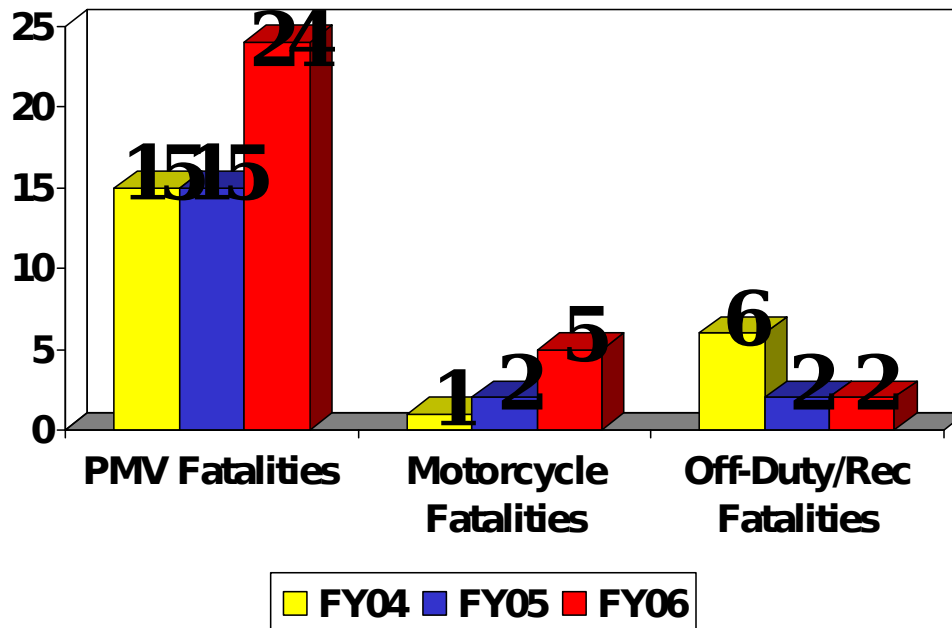
NAVY



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